EXECUTIVE ORDER A-023-0339 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR TE			TEST GROUP			VEHICLE TYPE =passenger car; LDT=light-duty V=medium-duty vehicle; LVW=l ehicle weight; ALVW=adjusted	CATEGOI vehicle;	EMISSION STANDARY (LEV=low emis TLEV= transitional LEV LEV; SULEV=super UL	sion	EXHAUST / EVAPORATIVE USEFUL LIFE (UL) (miles)	FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas)				
2003	2003 3HNXV02.4KCP					PC		LEV II SULEV		150K / 150K	Gasoline				
No.		EVAPORATIVE FAMILY (EVAF)				SPECIAL FEAT EMISSION CONTROL			* = not applicable	oc	OC/TWC=oxidizing/3-way cat. ADSTWC=adsorbing TWC WU= warm-up cat. O2S/HO2S=oxygen sensor/heated O2S				
1	1 3HNXR0135BCA					HO2S, TWC, SFI, EGR, AFS, OBD (F)					AFS/HAFS=air-fuel ratio sensor/heated AFS_EGR=exhaust				
2	*				2		*			gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger [CAC=charge air cooler OBD (F) / (P)=full /partial on-board					
3		* 2					*		기[]						
4	•			Г	4		*		dia	diagnostic prefix 2=parallel (2) suffix=series					
EVAF No.		ECS No.	ENGINE SIZE (L			VEHICLE MAKES & MODELS			JECT TO SFTP RE UNDERLINED	ABB	BBREVIATIONS:				
1		1	2.4				1								
*	* *				•										

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.) Since no NMOG RAF is adopted by the Air Resources Board for passenger car SULEVs, the manufacturer has agreed to a default value listed below.

NMOG FLEET AVERAGE [g/mi]			NMOG @ RAF=1.00 CH4 RAF = *			NMOG or	r nitrogen	HCHO=fc	rmaidehyd	le PM=p	articulate	matter	RAF=reacti	vity adjustm	arbon mono	2/3 D [a/test	1=2/3 day	
CER	CERT STD		NMOG		NMHC CERT	NMHC STD [g/mi]	mg=milli	gram mi	c∟(g/mıj≕n =mile K=	unning io: 1000 mile	S ORVE	degrees i	n dispensed ahrenheit	j=on-board SFTP=sup	refueling vap plemental fe	or recovery deral test pi	g=gram ocedure	
0.04	6 0.062		CERT [g/mi]					CO [g/mi]		Ox [g/m			HCHO [mg/mi]		g/mi]	Hwy NOx [g/mi]		
L					[g/mi]	131	CERT	STD	CER	TS	TD	CERT	STD	CERT	STD	CERT	STD	
100	@ 50K		*			*	*	* *			*		•	•		•	10	
		@ UL	0.	006	*	0.010	0.2	1.0	0.0	1 0	02	0.3	4	*	*	0.01	0.03	
10.00	@ 50°F & 4K		0.	015	*	0.020	0.4	1.0	0.0	1 0	02	0.4	8	*	•	*	*	
CO [@ 20			= @ 4K (SULEV, ULEV, EV) or 50K (Tier 1, TLEV)			NMHC+N (comp		CO [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		·	CO [g/mi] [US06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
50	50K		SFTP 2 = @ UL (1		1, TLEV)	CERT	STD	CERT	STD	CERT	ST	D CE	RT ST	D CER	T STD	CERT	STD	
CERT	1.2	113			SFTP 1	•	*	•	*	0.01	0.1	4 0	.3 8.	0.0	0.20	0.4	2.7	
STD	10.0	1867		Maria.	SFTP 2	*	*	*	•	*	*			•	*	•	*	
@ UL	Ε	VAPOR	ATIV	E FAM	ILY 1	EVAPORATIVE FAMILY 2				EV	APORA	TIVE F	MILY 3	E	EVAPORATIVE FAMILY 4			
W 0L	3-D	2-0)	RL	ORVR	3-D	2-D	RL	ORVR	3-D	2-D	R	. ORV	R 3-D	2-D	RL	ORVR	
CERT	- 0.21	0.2	3	0.004	0.01	*	*	*	*	*	*	*	*	*	*	*	•	
STD	0.35	0.3	5	0.05	0.20	*	*	*	*	*	•	*	•	*	•	*	*	

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.1 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

BE IT FURTHER RESOLVED: That the listed vehicle models are permitted intermediate in-use compliance standards pursuant to 13 CCR Section 1961(a)(10).

BE IT FURTHER RESOLVED: That, in response to the request of the manufacturer, the listed vehicles have been determined to qualify for a Partial Zero Emission Vehicle Allowance of 0.2 under 13 CCR Section 1962(c)(2), provided that nothing in this Executive Order is intended to constitute enforcement of any requirement that a percentage of the 2003 or 2004 model year PCs or lightest LDTs produced and certified by a manufacturer must be Zero Emission Vehicles or otherwise meet the requirements of 13 CCR Section 1962(b).

day of August 2002.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations. The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 30

To Co

Allen Lyons, Chief Mobile Source Operations Division